

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:155

ANSWERED ON:11.12.2003

POWER GENERATION CAPACITY OF POWER PLANTS

NAWAL KISHORE RAI;SUSHIL KUMAR INDORA

Will the Minister of POWER be pleased to state:

- (a) whether the Government has assessed the gap between the power generation capacity of the power generating plants of various State Electricity Boards and the quantum of actual power generated by them;
- (b) if so, the generation capacity of power generating plants operated by each State Electricity Board during the year 2003;
- (c) the actual power generated during the first nine months during the year 2003;
- (d) the financial losses being incurred by each Electricity Board as a result of inefficient functioning of power generation Plants; and
- (e) the remedial measures proposed to be taken in this regard?

Answer

THE MINISTER OF POWER(SHRI ANANT GANGARAM GEETE)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 155 TO BE ANSWERED IN LOK SABHA ON 11.12.2003 REGARDING POWER GENERATION CAPACITY OF POWER PLANTS.

(a) : Yes, Sir.

(b) : The generation capacity of power generating plants operated by each State Electricity Board (SEB)/State Power Utility as on 31st March, 2003 is given at Annexure.

(c) : The total electricity generation in the country during the first nine months of 2003 (January-September, 2003) has been 402748 Million Units out of which 202158 Million Units was by SEBs/State Power Utilities.

(d) : Inefficient operation of a power generating station results into lesser generation of electricity and also comparatively higher fuel consumption and auxiliary power consumption due to lower efficiencies. Since there are large number of units in the country with varying capacities and a mix of new and old units, it is not possible to assess their optimum operation levels and consequently quantify the financial losses.

(e) : The remedial measures taken/proposed to be taken are as under :

(i) Renovation & Modernization (R&M) of existing Thermal Power Stations. Power Finance Corporation (PFC) is providing financial assistance for R&M works at lower rate of interest.

(ii) Life extension of 106 Thermal units aggregating 10413 MW and R&M of 57 Thermal units aggregating 17270 MW have been planned for execution during 10th Plan.

(iii) 74 existing hydro power stations aggregating 8082.45 MW capacity in Public Sector (Central & State) have been identified for Renovation, Modernization, uprating and life extension during the 10th Plan period.

(iv) Early stabilization of newly commissioned Units.

(v) Monitoring of environmental conditions of Thermal Power Stations to safe guard the eco-system of the area where the plant is situated.

(vi) Incentive schemes for better performance of thermal power stations in Public Sector.

(vii) Energy audit of selected Thermal Power Stations in the country to improve the heat rate and reduce the auxiliary power consumption and secondary fuel oil consumption.

ANNEXURE

ANNEXURE REFERRED TO IN PART (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO.155 T
ANSWERED IN THE LOK SABHA ON 11.12.2003 REGARDING POWER GENERATION CAPACITY OF POWER PLANTS.

INSTALLED GEN. CAPACITY IN MW AS ON 31.03.03

NAME OF STATE	NAME OF SEB/PSU	THERMAL STEAM	HYDRO DIESEL	WIND GAS	TOTAL SUB.TOT
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DELHI	IPGPCL	320	612.4	932.4	932.4
HARYANA	HPGC	1040	3.92	1043.92	48 1091.92
HIMACHAL					
PRADESH	HPSEB	0.13	0.13	326.2	326.33
JAMMU &					
KASHMIR	JKEB	8.94	175	183.94	311.69 495.63
PUNJAB	PSEB	2130	2130	2398.94	4528.94
RAJASTHAN	RRVUNL	1850	113.8	1963.8	163.86 6.4 2134.06
UTTAR PRADESH	UPRVUNL	4102	4102	4102	
	UPHPC	0	556.6	556.6	
	TOTAL	4102	4102	556.6	4658.6
UTTARANCHAL	USEB	0	954.15	954.15	
GUJARAT	GEB	3339	17.26	171 3527.26	563 17.3 4107.56
	GMDCL	0	0	0	
	GSECL	420	420	420	
	GSEGL	156.1	156.1	156.1	
	TOTAL	3759	17.26	327.1 4103.36	563 17.3 4683.66
MADHYA PRADESH	MPGPCL	2157.5	2157.5	919.91	0.59 3078
CHATTISGARH	CSEB	1280	1280	120	1400
MAHARASHTRA	MSEB	6425	912	7337	2427.17 6.44 9770.61
ANDHRA PRADESH	APGEN	2952.5	2952.5	3281.01	5.4 6238.91
	APGPC	99	99	99	
	TOTAL	2952.5	99	3051.5	3281.01 5.4 6337.91
KERALA	KSEB	234.6	234.6	1795	2.03 2031.63
KARNATAKA	KPCL	1470	1470	2686.95	2.6 4159.55
	VVNL	127.92	127.92	127.92	
	KEB	0	206.2	206.2	
	TOTAL	1470	127.92	0 1597.92	2893.15 2.6 4493.67
TAMIL NADU	TNEB	2970	331	3301	1995.15 19.35 5315.5
PONDICHERY	PPCL	32.5	32.5	32.5	
BIHAR	BSEB	553.5	553.5	20	573.5
JHARKHAND	TVNL	420	420	420	
	JSEB	840	840	130	970
	TOTAL	1260	1260	130	1390
ORISSA	OPGC	420	420	1.49	421.49
	OHPC	0	1848.58	1848.58	
	TOTAL	420	420	1848.58	1.49 2270.07
WEST BENGAL	WBPDCL	2910	100	3010	3010
	DPL	395	395	395	
	WBSEB	12.06	12.06	164.71	176.77
	TOTAL	3305	12.06	100 3417.06	164.71 3581.77
SIKKIM	SIKKIM	5	5	32.9	37.9
ANDAMAN					
NICOBAR	A&N ADM	34.05	34.05	5.25	39.3
ASSAM	ASEB	330	20.69	244.5	595.19 2 597.19
MEGHALAYA	MEGEB	2.05	2.05	186.71	188.76
MANIPUR	MPDC	45.41	45.41	3.2	48.61
TRIPURA	TRIPURA	4.85	106.5	111.35	16.01 127.36
NAGALAND	NAGALAND	2	2	28.2	0.16 30.36
ARUNACHAL	ARUNACHAL	15.88	15.88	29.55	45.43
MIZORAM	MIZORAM	28.94	28.94	8.26	37.2
TOTAL STATE SECTOR		36324.5	563.7	3053.8	39942 21229.2 61.76 61232.96